

Hydro 4849 & 4867

Dredge 4757 to 4779

May 4 to June 6, 1906

Alaska-Alutians



Dr. 4457 - 4779

Hydro 4849 to 4867

June 6, 1906

Dr. 4757 } rust Nos.
Hy. 4849 }

Records:

1. Arkil - Star: Stars 1.
2. Pitkeni - " " 2.
3. De Long - B.D. Port, Grand.

Dunk Machine

Bokhorst - Star: Port 2.

Inter. to go down at rate of 2 ft - 3
up " " " 4 min
from 100 fms

No.

4757

Date

May 4, 1906

Lucas

Machine.

Reel

Turns

Cor.+

Depth 146 fms.

Shot or lead 35 lb

Bottom

No specimen: wire carried away.

Bottom temperature

No. of thermometer

None used Cor.

Corrected temperature

Air

56°

Surface

53°

Drift

Trawl or dredge

Interf 1, 2 Kofoids 1/2 in

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

Am. DOWN.

UP.

Am. DOWN.

UP.

9.59.10

0

10.07.00

10.41.40

10.00.45

100

12.05

35.45

10.01.30

146
~~200~~

10.13.20

10.33.25

300

After lead struck
bottom, wire carried
away. - Lost lead
and 146 fms wire

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

After sounding
cut of and dropped
overboard 700 fms
of wire, rusty and
unsafe.

Towing for 20 min
to 125 fms. wire,
at approximate
depth of 100 fms.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
OK. L.M. ✓	22	2500	P.D. 22.1	
		2600	Bar. —	29.99
		2700	Therm. at 60	
		2800	Var. lt. breeze	
		2900	Moderate sea	
		3000	Overcast, misty	
		3100	C.S. Oct 5700	
		3200	Dr. Course N.W. 5/8 N.	
		3300	Lat 39° 18' N	
		3400	Long 123° 58' W	
		3500	Witha Marina	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *4758*Date *May 19. 06*

Machine.

Reel.

Turns

Cor. +

Depth

Int.

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

1st2nd3rd4th

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>10.44.40</i>	<i>10.57.30</i>
		100	<i>10.49.10</i>	<i>10.53.00</i>
		200	<i>10.13.5</i>	<i>10.49.40</i>
		300	<i>10.17.15</i>	<i>10.45.40</i>
		400	<i>10.21.30</i>	<i>10.41.30</i>
		500		
		600		
		700		
		800		
		900	<i>Lowered for 20 m to 400 fms wire at app. depth of 300 fms</i>	
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>OK.</i> <i>L.M. 2.</i> <i>Lat 52° 0' 2" N</i> <i>Long 132° 53' 11" W</i> <i>Cape St James</i> <i>Green Channel</i> <i>Old bearing</i> <i>E 1/2 S true</i> <i>distance 70 m</i> <i>Var. 16° E.</i>		2500	<i>P.L. =</i>	<i>44.5</i>
		2600	<i>Barometer</i>	<i>30.08</i>
		2700	<i>Therm. at 10</i>	<i>55</i>
		2800	<i>Wind: lt. breeze, NW</i>	
		2900	<i>Weather: overcast, m.</i>	
		3000	<i>Sea: smooth</i>	
		3100	<i>Chart used: No. 904</i>	
		3200	<i>Dr. Course: W. N. W.</i>	
		3300	<i>approx. depth 1600 fm</i>	
		3400	<i>45 fms. shot</i>	<i>73</i>
		3500	<i>45 fms. shot</i>	<i>45</i>
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

507
DeLong

No. *D 4759*

Date *May 20, 1906.*

Machine.

Reel.

Turns

Cor. +

Depth

*2000**

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *51°*

Surface *46°*

Drift

Trawl or dredge *Intermediate #1 & 2 Re #1 & #2*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>10-02-00</i>	<i>10-51-40</i>
		100	<i>05-30</i>	<i>47-50</i>
		200	<i>8-53</i>	<i>43-55</i>
		300	<i>11-53</i>	<i>39-40</i>
		400	<i>10-14-40</i>	<i>10-34-40</i>
		500	<i>Towed 20 min. at extra depth of 300 fath with 400 fath wire.</i>	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>at 2.11.2</i> <i>Var. 25.30</i>		2500	<i>P.L.</i>	<i>70.6</i>
		2600	<i>Weather: Nearly overcast</i>	
		2700	<i>Wind:</i>	<i>W. 10.0</i>
		2800	<i>Sea:</i>	<i>Smooth</i>
		2900	<i>Barometer:</i>	<i>30.28</i>
		3000	<i>Therm. attd.</i>	<i>57.0</i>
		3100	<i>Dredg. Core:</i>	<i>Wx. N.</i>
		3200	<i>Est. Depth:</i>	<i>2000 fath</i>
		3300	<i>Nearest Land:</i>	<i>— m. dist.</i>
		3400	<i>Chart used:</i>	<i>C. S. "3"</i>
		3500	<i>Lat:</i>	<i>53° 05' N.</i>
		3600	<i>Long:</i>	<i>138° 31' W</i>
		3700	<i>Bearings: Off Buena</i>	
		3800	<i>Charlotte Hills.</i>	
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 4760*, Date *21 May, 1906*.

Machine. Reel.

Turns Cor.+ Depth *2200 fms.*

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *44°* Surface *44°* DriftTrawl or dredge *Interf 1; 2 Kofids, #1 & #2.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>10.07.10</i>	<i>10.56.05</i>
		100	<i>10.30</i>	<i>52.00</i>
		200	<i>13.30</i>	<i>48.00</i>
		300	<i>16.30</i>	<i>44.00</i>
		400	<i>10.19.30</i>	<i>10.39.35</i>
		500		
		600	<i>Towed 20 min. to 400 fms. wire at an estimated depth of 300 fms.</i>	
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	7.2.	10.6
		2600		
		2700	Wind: Moderate breeze, SE.	
		2800	Sea: Moderate swell.	
		2900	Barometer:	30.14
		3000	Therm. at 0:	63°
		3100		
		3200	Est. Depth	2200 fms.
		3300	Nearest Land	—
		3400		
		3500		
		3600	Long. 144° 53' W.	
		3700	Spring:	—
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1024

REMARKS:

No. *II 4761* Date *May 23, 06*

Lucas Machine. Reel. Lucas

Turns Cor. + Depth *1480*Shot or lead *60 lb. ridge to be, Lucas.*Bottom *bn. C.*Bottom temperature *35.0*No. of thermometer *108016* Cor. *none*Corrected temperature *35.0*Air *46* Surface *44* DriftTrawl or dredge *55 ft 8' - 10' - 12'*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1-0</i>	<i>1.12.10</i>	0		
<i>1-0.10</i>	<i>1.12.20</i>	100		
	<i>1.12.30</i>	200		
	<i>1.12.40</i>	300		
	<i>1.12.50</i>	400		
	<i>1.13.00</i>	500		
	<i>1.13.10</i>	600		
	<i>1.13.20</i>	700		
	<i>1.13.30</i>	800		
	<i>1.13.40</i>	900		
	<i>1.13.50</i>	1000		
	<i>1.14.00</i>	1100		
	<i>1.14.10</i>	1200		
	<i>1.14.20</i>	1300		
	<i>1.14.30</i>	1400		
	<i>1.14.40</i>	1500		
	<i>1.14.50</i>	1600		
	<i>1.15.00</i>	1700		
	<i>1.15.10</i>	1800		
	<i>1.15.20</i>	1900		
	<i>1.15.30</i>	2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		57.1
		2700	Overcast	
		2800	Moderate sea.	
		2900	Wind -	
		3000	Baromet	
		3100	Ther.	
		3200	Dr. Course: - N. N. E.	
		3300	Nearest land: Pt. ...	
		3400	(dist) 4 miles	
		3500	67° 30' N.	
		3600	10° 00' W.	
		3700	Chor: ...	
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 2 Date 2.11.1900

Machine. Reel.

Turns Cor.+ Depth 56 fms

Shot or lead T. N. lead

Bottom gn. S. bk. S.

Bottom temperature —

No. of thermometer none used Cor.

Corrected temperature —

Air 51° Surface 40° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	9.01.20	9.23.50
		56		
		100		
		200	9.03.50	9.23.50
		300		
		400	Towed for	
		500	to 75 fms	
x = Towed		600	at	
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800	<i>Seam:</i>	<i>S.</i>
		2900		
		3000	<i>Therm. att'd:</i>	<i>62</i>
		3100	<i>Dredg. Coarse</i>	<i>NN by N (SC)</i>
		3200	<i>Worst land:</i>	<i>25 m. dist.</i>
		3300	<i>Charted:</i>	
		3400		
		3500		
		3600	<i>Bearings:</i>	
		3700		
		3800	<i>1200 (dist.)</i>	<i>dist.</i>
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

~~Trawl or dredge~~

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	72	
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *4*

Date

May 29, 1906

Machine.

Reel.

Turns

Cor. +

Depth *1130 fath*

Shot or lead

Bottom

*No Sample (See M. - 1000)*Bottom temperature *35.2°*No. of thermometer *108016*Cor. *none*

Corrected temperature

35.2

Air

40°

Surface

41°

Drift

Trawl or dredge *8' Agassiz, 2 Wing net & Mud Bag*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	<i>27 45</i>	0		
	<i>26-45</i>	100		
		200		
		300		
		400		
		500		
	<i>92-00</i>	600		
	<i>21-00</i>	700		
		800		
<i>11 10</i>	<i>18 45</i>	900		
	<i>17 45</i>	1000		
		1100		
		<i>1130</i>		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	22.	85.
		2600	11	increase.
		2700	12	12. 30
		2800		Moderate
		2900	Bar -	29.35
		3000	Ther att.	66.°
		3100	D. Course	NxW to NNE.
		3200		
		3300		
		3400	C. S.	
		3500	Lat.	53° 20' N.
		3600	Long.	171° 00 W.
		3700	Bearings:	N. E'n point
		3800		
		3900	Bearing	S. 19° E (true)
		4000	Dist 41	miles

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			1 String not lost.	
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *507* Date *22 May 1906**J* Lucas Machine. Reel. *Lucas*Turns — Cor.+ — Depth *1217 fms.*Shot or lead *60 lb.*Bottom *fine black s.*Bottom temperature *55.1*No. of thermometer *108016* Cor. *-0.2*Corrected temperature *35.2*Air *41°* *45-42* Surface *42°* DriftTrawl or dredge *Lucas*

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

1.07.30 *1.32.45*

0

100

09.25 *31.05*

200

10.15 *30.20*

300

11.00 *29.40*

400

11.55 *29.00*

500

12.45 *28.15*

600

14.00 *27.25*

700

15.00 *26.45*

800

16.10 *26.00*

900

17.15 *25.15*

1000

8.20 *24.45*

1100

9.25 *24.15*

1200

1.14.35 *1.21.25*

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	Pat. log:	10.9
		2600	Weather:	bcp
		2700	Wind:	ENE, 3-4
		2800	Sea:	S.
		2900		
		3000	Thermistat:	58°
		3100	Dir Course:	North
		3200		
		3300	Chart used:	H. O. 8.
		3400	Bat:	53° 15' N.
		3500	Long:	171° 37' W.
		3600	Nearest land:	Yorkneke
		3700	Id., 43.5 m.	
		3800		
		3900	Yorkneke Id.	537° E.
		4000	(true), 43.5 m. dist.	

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

Net came up foul.

No. *507*, Date *May 11*Machine. Reel. *1*

Turns Cor.+ Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *42* Surface *42* DriftTrawl or dredge *T. L. A. 2*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>3.50.15</i>	<i>35.20</i>
		100	<i>55.20</i>	<i>34.10</i>
		200	<i>56.15</i>	<i>34.12</i>
		300		<i>31.05</i>
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600	<i>Wind</i>	<i>ENE</i>
		2700	<i>Sea</i>	<i>S</i>
		2800	<i>Bar.</i>	<i>29.38</i>
		2900	<i>Ther. Wd.</i>	<i>60°</i>
		3000	<i>Dr. Comm.</i>	
		3100	<i>Chart used</i>	<i>140</i>
		3200	<i>Lat.</i>	<i>70°</i>
		3300	<i>Long.</i>	
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	<i>70.16</i>	<i>106</i>		
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D 47*Date *May 31, 1906**Lucas*

Machine.

Reel.

Turns

Cor.+

Depth *1766 fath*Shot or lead *35 lb. cone snapper*Bottom *No specimen*Bottom temperature *41.5*No. of thermometer *108016*

Cor.

Corrected temperature

Air *46-43*Surface *41*

Drift

Trawl or dredge *Lucas snapper*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	2-03-10	4-40-50
		100	6-15	4-37-50
		200	8-20	4-35-00
		300	11-00	4-32-00
		400		4-29-00
		500	14-00	4-26-00
		600	17-00	4-23-00
		700		4-20-00
		800		4-17-00
		900		4-14-00
		1000	29-00	4-11-00
		1100	31-30	4-08-00
		1200		4-05-00
		1300	36-35	4-02-00
		1400	39-05	4-00-00
		1500	41-30	3-57-00
		1600		3-54-00
		1700	46-50	3-51-00
1-32-50	1-34-00	1800	49-10	3-48-00
		1900		3-45-00
		2000	55-55	3-42-00
		2100	57-00	3-39-00
		2200	3-00-35	3-36-00
		2300	3-03-30	3-33-00
		2400		3-30-00

Lucas snapper
apparatus (Lucas snapper)

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
at p.m.	5.	2500		
		2600		
		2700		
		2800		
		2900	P.L.	81.0
		3000	Weather	Overcast
		3100	Wind	N.N.W. - 3
		3200	Sea	Smooth
		3300	Bar.	29.20 -
		3400	Ther. att.	61.
Tide 14 ^h 6.		3500	Direction	NXW.
		3600	Current	1 mi. N
		3700	Lat.	35° 31' N.
		3800	Long.	174° 49' W.
		3900	Bearings	- Kani.
		4000	Alt. 622° 1/2	

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *2476* Date *31 May 26*

Machine. Reel.

Turns Cor.+ Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *43°* Surface *71°* DriftTrawl or dredge *Trawl 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>4.50.35</i>	<i>7.1.00</i>
		100	<i>3.25</i>	<i>30.15</i>
		200	<i>5.00</i>	<i>18.20</i>
		300	<i>6.25</i>	<i>24.00</i>
		400	<i>5.01.00</i>	<i>27.00</i>
		500		
		600	<i>(over) net</i>	
		700	<i>20 min. at</i>	
		800	<i>an approx.</i>	
		900	<i>depth of 300 m.</i>	
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>Heater</i>	<i>0 km.</i>
		2600	<i>Wind</i>	<i>WNV. 3</i>
		2700	<i>Sea</i>	<i>S</i>
		2800	<i>Low</i>	<i>29.20</i>
		2900	<i>Temperature</i>	<i>50°</i>
		3000	<i>Dr. Core</i>	<i>WNV</i>
		3100	<i>Water</i>	<i>WNV</i>
		3200	<i>Water</i>	<i>WNV</i>
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 3415

Date

July 2 to Aug 1

Machine.

Reel.

Turns

Cor. +

Depth

3250

Shot or lead

60 lb - 100 lb

Bottom

m. s. l.

Bottom temperature

35.0°

No. of thermometer

109635

Cor.

none

Corrected temperature

35.0°

Air

42°

Surface

42°

Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

11.51

21.28

0

12.22

21.12

100

13.22

20.57

200

14.38

20.42

300

15.50

20.27

400

17.05

20.12

500

18.05

19.57

600

19.10

19.42

700

20.10

19.27

800

21.10

19.12

900

22.10

18.57

1000

23.10

18.42

1100

24.10

18.27

1200

25.10

18.12

1300

26.10

17.57

1400

27.10

17.42

1500

28.10

17.27

1600

29.10

17.12

1700

30.10

16.57

1800

31.10

16.42

1900

32.10

16.27

2000

33.10

16.12

2100

34.10

15.57

2200

35.10

15.42

2300

36.10

15.27

2400

(202)

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. H 4850

Date June 3, 1906

Lucas

Machine.

Reel. Lucas

Turns

Cor. +

Depth 804 fath

Shot or lead 35 lb., Sieber sounding rod.

Bottom ~~6 km~~ SK. (P)

Bottom temperature 36.1

No. of thermometer 109635

Cor. none.

Corrected temperature 36.1

Air 39° Surface 40° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10		0		
		100		
11		200		
		300		
		400		
12		500		
		600		
		700		
21		800		
21-20		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

Lat. 54° 05' N
Long. 177° 10' E.
Chart - C.S. 9100.

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

DeLong

No. *Hy. 48-21* Date *June 3, 1906.**Lucas* Machine. *✓* Reel.

Turns Cor.+ Depth

Shot or lead *35 lb. and. Liabbe*Bottom *Last sdy. up.*Bottom temperature *Last therm. #109635*No. of thermometer *109635-* Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7- 11</i>		0		
<i>11- 12</i>		100		
<i>17- 18</i>		200		
<i>7- 19</i>		300		
<i>24</i>		400		
		500		
<i>40</i>		600		
		700		
<i>330 fath.</i>		800		
<i>with therm.</i>		900		
		1000		
		1100		
		1200		
		1300		
<i>10- 11</i>		1400		
<i>10- 635</i>		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

Use f.m. 2

See next page

3000

Lat. 17° 30' N

Long. 179° 02' 20" E

7 m. 11° 6'

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 1857 Date 3 June 1906

Machine. Reel.

Turns Cor.+ Depth 981 fms.

Shot or lead 35-lb. (Lucas)

Bottom

Bottom temperature

No. of thermometer ~~42510~~ Cor.

Corrected temperature

Air 39° Surface 40° Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		C.S. 9100.
		3200		07'30"N.
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *4767* Date *3 June 06.*Machine. Reel. *Lucas*Turns Cor.+ Depth *771 fms.*Shot or lead *Sigsbee 60-76. and Sdg. Cyp.*Bottom *gn. M.*Bottom temperature *36.5°*No. of thermometer *108010* Cor.Corrected temperature *36.5°*Air *39°* - Surface *40°* DriftTrawl or dredge *Sigsbee 7-1/2' 7' 7' 7'*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		771		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	P.L.	
		2600	Weather	
		2700	Wind	
		2800	Sea	
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. D. 4767 and Date 3 June, '03.

Machine. Reel.

Turns Cor.+ Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 45 Surface 40° Drift

Trawl or dredge 15' 1. 2 1/2' 1/2' 1/2'

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		am. DOWN.	UP.
		0	11.30.00	1.41.00
		100	11.30.15	1.41.15
		200	11.30.30	1.41.30
		300	11.30.45	1.41.45
		400	11.31.00	1.42.00
		500	11.31.15	1.42.15
		600	11.31.30	1.42.30
		700	11.31.45	1.42.45
		800	11.32.00	1.43.00
		900	11.32.15	1.43.15
		1000	11.32.30	1.43.30
		1100	11.32.45	1.43.45
		1200	11.33.00	1.44.00
		1300	11.33.15	1.44.15
		1400	11.33.30	1.44.30
		1500	11.33.45	1.44.45
		1600	11.34.00	1.45.00
		1700	11.34.15	1.45.15
		1800	11.34.30	1.45.30
		1900	11.34.45	1.45.45
		2000	11.35.00	1.46.00
		2100	11.35.15	1.46.15
		2200	11.35.30	1.46.30
		2300	11.35.45	1.46.45
		2400	11.36.00	1.47.00

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>all same as</i>	
		2600	<i>same as at bottom</i>	
		2700	<i>ring of Station, Vested</i>	
		2800	<i>on preceding haul</i>	
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *4760*Date *Sept. 1.*

Machine. Reel.

Turns

Cor. +

Depth *764 fms*Shot or lead *35 lbs. 2 1/2 sds. and*Bottom *gy. br m. fine brk. s.*

Bottom temperature

No. of thermometer *108010* Cor. —Corrected temperature *37°*Air *42°* Surface *40°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>1-26.00</i>	<i>3.03</i>
		100	<i>30.00</i>	<i>3.00.00</i>
		200		<i>7.15</i>
		300		<i>11.25</i>
		400		<i>15.40</i>
		500		<i>19.55</i>
		600	<i>44.55</i>	<i>46.10</i>
		700	<i>47.35</i>	<i>43.20</i>
		800	<i>50.25</i>	<i>40.</i>
		900	<i>53.10</i>	<i>36.30</i>
		1000	<i>55.35</i>	<i>32.20</i>
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	12	16.6
		2600		0.1m.
		2700		1.15
		2800		6
		2900	Base	29.51
		3000	Head	650
		3100		C.S. 9.1m
		3200	Lat 54°20'30"N	
		3300	179°09'30"E.	
		3400	Dr. Hrs. 11 x 10.	
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 4769*Date *June 3,**Lucas*Machine. *✓* Reel.

Turns

Cor. +

Depth *244 fath.*Shot or lead *35^{lb} and Sigbee shot.*

Bottom

*gy. S; gy. M. ✓*Bottom temperature *38.5°*No. of thermometer *108010*

Cor. -

Corrected temperature *38.5°*Air *42°*Surface *40°*

Drift

Trawl or dredge *8 foot Agassiz*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	<i>4-43-30</i>	
	<i>29-40</i>	100	<i>76</i>	
	<i>29-00</i>	200	<i>48</i>	
	<i>28-30</i>	300	<i>1</i>	
		400	<i>11</i>	
		500		
		600	<i>1000 1270 min.</i>	
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600	Weather	Overcast
		2700	Wind	N.W. - 2
		2800	Sea	Smooth
		2900	Bar	29. .
		3000	Ther. Att.	68°
		3100	Dr. Course	N.X.W.
		3200	Chart Used	C.S. 9180
		3300	Lat.	34° 30' 48" N
		3400	Long.	179° 14'
		3500	Bearings.	
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *2469* Date *June 7*

Machine. Reel.

Turns Cor.+ Depth

Shot or lead *30*

Bottom

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *43* Surface *40* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 4771*Date *4 June 06*

Lucas

Machine.

Reel.

Turns

Cor. +

Depth *426 fms.*Shot or lead *35 lb.* *ligo. cup.*Bottom *6 km. SL.*

Bottom temperature

No. of thermometer *none used* Cor.

Corrected temperature

Air *39°* Surface *40°* DriftTrawl or dredge *12-6.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.57.20</i>	<i>7.06.40</i>	0	<i>7.11.50</i>	<i>7.11.50</i>
<i>7.00.00</i>	<i>7.05.45</i>	100	<i>7.12.00</i>	<i>7.11.50</i>
<i>00.40</i>	<i>05.10</i>	200	<i>7.12.10</i>	<i>7.11.50</i>
<i>01.25</i>	<i>04.50</i>	300	<i>7.12.20</i>	<i>7.11.50</i>
<i>02.10</i>	<i>03.50</i>	400	<i>7.12.30</i>	<i>7.11.50</i>
<i>7.04.20</i>	<i>7.03.30</i>	<i>426</i> 500	<i>7.12.40</i>	<i>7.11.50</i>
		600	<i>7.12.50</i>	<i>7.11.50</i>
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	01	-
		2600	2 1/2	2
		2700	3 1/2	3 1/2
		2800	4 1/2	4 1/2
		2900	5 1/2	5 1/2
		3000	6 1/2	6 1/2
		3100	7 1/2	7 1/2
		3200		
		3300	8 1/2	8 1/2
		3400	9 1/2	9 1/2
		3500	10 1/2	10 1/2
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *1177* Date *Nov 10*
Tanner Machine */* Reel.
 Turns Cor.+ Depth *312*
 Shot or lead *25 lb* Lbs. say
 Bottom *fine s. & g.*
 Bottom temperature *38.1*
 No. of thermometer *108010* Cor. *—*
 Corrected temperature *38.1*
 Air *40°* Surface *40°* Drift
 Trawl or dredge *12 ft Tanner*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. _____ Date June 10 1902

Machine. _____ Reel. _____

Turns _____ Cor. + _____ Depth 372~~Shot or lead~~ 20 Lead cup.Bottom Gr. br. S.

Bottom temperature _____

No. of thermometer _____ Cor. _____

Corrected temperature _____

Air 48° Surface _____ Drift _____

Trawl or dredge _____

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *1147* Date *June 10*
Lucas Machine. Reel.
 Turns Cor.+ Depth *338*
 Shot or lead *35 lb* Sigs. cup.
 Bottom *Gr. S.*
 Bottom temperature *38.1*
 No. of thermometer *101010* Cor.
 Corrected temperature *38.1*
 Air *40* Surface *40* Drift
 Trawl or dredge *12*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		606
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *11* Date *July 11*
Lucas Machine. *V* Reel. *Lucas*
 Turns Cor.+ Depth *557* fath.
 Shot ~~or lead~~ *35th* and *Lucas*
 Bottom *gy. M. sh. Sp. For.*
 Bottom temperature *37.2*
 No. of thermometer *108010* Cor. *-*
 Corrected temperature *37.2°*
 Air *43°* Surface *40°* Drift
 Trawl or dredge *12 f.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1-27-15</i>	<i>1-39-15</i>	0	<i>1-48-50</i>	<i>3-01-40</i>
<i>28-10</i>	<i>38-15</i>	100	<i>52-10</i>	<i>58-11</i>
<i>29-05</i>	<i>37-20</i>	200	<i>55-15</i>	<i>54-56</i>
<i>30-05</i>	<i>36-30</i>	300	<i>58-25</i>	<i>51-20</i>
<i>5</i>	<i>35-40</i>	400	<i>2-01-45</i>	<i>48-00</i>
<i>32-30</i>	<i>34-50</i>	500	<i>4-45</i>	<i>44-45</i>
<i>1-33-05</i>	<i>1-34-15</i>	<i>557</i> 600	<i>7-30</i>	<i>41-30</i>
		700	<i>10-20</i>	<i>37-55</i>
		800	<i>2-13-15</i>	<i>2-38-15</i>
		900		
		1000	<i>Towed 20 min with 800 fath. cable.</i>	
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200	Chart used	C. S. 9100.
		3300		
		3400	Long. 178° 45' E.	
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 4775*

Date

June 4 1901

Machine. Reel.

Turns

Cor. +

Depth

584 fms.

Shot or lead

35# - Sigsbee Rod.

Bottom

gn. m.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

43

Surface

Drift

Trawl or dredge

12 ft. beam trawl

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3-08-40	3-20	0
9-20	20-15	100
10-10	19-15	200
11-10	18-	300
12-10	17-15	400
13-15	16-15	500
1-14-05	3-15-15	600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>U.S. L.M. 2.</i> <i>Ver. 11' 0.</i>		2500	<i>Weller</i>	<i>on</i>
		2600	<i>Wells</i>	<i>WELL 2</i>
		2700	"	
		2800	<i>Bar.</i>	<i>29.66</i>
		2900	<i>Ther. auto.</i>	<i>60°</i>
		3000	<i>Dr. Green</i>	<i>West. (P.C.)</i>
		3100		
		3200	<i>Chart used</i>	<i>C.S. 9100.</i>
		3300	<i>Lat. 54° 3' 30" N</i>	
		3400	<i>Long. 178° 44' E.</i>	
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 75 and Date

Machine. Reel.

Turns Cor.+ Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 42° Surface 40° Drift

Trawl or dredge Inter #1. 2 fids, #1 + #1

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	4. 5. 31	
		100	7. 00. 15	
		200	03. 55	
		300		
		400		
		500		
		600	at an approximate	
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>11:10</i>	<i>0 m</i>
		2600	<i>11:15</i>	<i>WNW. 2</i>
		2700	<i>11:20</i>	<i>8</i>
		2800	<i>11:25</i>	<i>27. 40</i>
		2900	<i>11:30</i>	<i>40</i>
		3000	<i>11:35</i>	<i>WNW. 10</i>
		3100		
		3200	<i>11:40</i>	
		3300	<i>11:45</i>	<i>20 m</i>
		3400	<i>11:50</i>	
		3500	<i>11:55</i>	<i>17. 10</i>
		3600		<i>1 0</i>
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H. 4852*, Date *4 June, 06.**Lucas* Machine. Reel. *Lucas*Turns Cor.+ Depth *1226 fms.*Shot or lead *Sigsbee 35 lb and Sigsbee 35 lb.*Bottom *gn. br. M.*Bottom temperature *39.0 (21)*No. of thermometer *108010*. Cor.Corrected temperature *39.0 (?)*Air *40.0* Surface *40.0* Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

<i>6.52.40</i>	<i>7.15.30</i>	0		
<i>51.21</i>	<i>14.30</i>	100		
<i>52.20</i>	<i>13.55</i>	200		
<i>53.18</i>	<i>13.10</i>	300		
<i>54.15</i>	<i>12.30</i>	400		
<i>55.10</i>	<i>11.50</i>	500		
<i>56.05</i>	<i>11.00</i>	600		
<i>57.00</i>	<i>10.20</i>	700		
<i>58.55</i>	<i>09.30</i>	800		
<i>59.50</i>	<i>08.50</i>	900		
<i>60.45</i>	<i>08.00</i>	1000		
<i>61.40</i>	<i>07.10</i>	1100		
<i>62.35</i>	<i>06.20</i>	1200		
<i>7.05.00</i>	<i>7.06.00</i>	<i>1226</i> 1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth 1718

Shot or lead

35

Sigs. cup.

Bottom

br. m.

Bottom temperature

35

No. of thermometer

108010

Cor. none

Corrected temperature

Air

39°

Surface

40°

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
15	15	0		
12	12	100		
53 30	11 30	200		
12 30	11 30	300		
53 30	11 30	400		
12 30	11 30	500		
53 30	11 30	600		
12 30	11 30	700		
53 30	11 30	800		
12 30	11 30	900		
53 30	11 30	1000		
12 30	11 30	1100		
53 30	11 30	1200		
12 30	11 30	1300		
53 30	11 30	1400		
12 30	11 30	1500		
53 30	11 30	1600		
12 30	11 30	1700		
53 30	11 30	1800		
12 30	11 30	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	7 1/2	2 1/2
		2600	8 1/2	3 1/2
		2700	9 1/2	4 1/2
		2800	10 1/2	5 1/2
		2900	11 1/2	6 1/2
		3000	12 1/2	7 1/2
		3100		
		3200	13 1/2	8 1/2
		3300	14 1/2	9 1/2
		3400	15 1/2	10 1/2
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H. 4854* Date *June 5, 1906*Machine. *Lucas* Reel. *Lucas*Turns Cor.+ Depth *702 f.*Shot or lead *60 lb. and*Bottom *cr. gn. br. s.*

Bottom temperature

No. of thermometer *105010* Cor. *-*Corrected temperature *36.5°*Air *41* Surface *40* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.L.	81.6	2500		
Lat.	52° 50' 30" N	2600		
Long.	179° 26' E	2700		
Chart	C.S. 9100	2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

P.L.

No. *H 4855-*Date *June 5/06**Lucas*Machine. / Reel. *Lucas*

Turns

Cor.+

Depth *842*Shot or lead *35 lb. & ligable cup*Bottom *No spec. - Lost Sdg. cup.*Bottom temperature *Last therm. #108010*No. of thermometer *108010* Cor.

Corrected temperature

Air *42°* Surface *40°* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>77-1</i>	<i>77-4</i>	<i>35</i>	<i>5-5"</i>		
			<i>0</i>		
			100		
			200		
			300		
			400		
			500		
			600		
			700		
			800		
			<i>842</i>		
<i>8-38-30</i>	<i>8-39-35</i>		900		
<i>Wire carried away</i>			1000		
<i>at 55 ft</i>			1100		
<i>ther and ligable</i>			1200		
<i>sounding cup,</i>			1300		
<i>strap line, strap</i>			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.47</i>	<i>1.14</i>	2500		
<i>2.54</i>	<i>1.11</i>	2600		
<i>3.01</i>	<i>1.08</i>	2700		
<i>3.08</i>	<i>1.05</i>	2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. H. 485-6 Date June 3, 1906

Machine. Reel. Lucas

Turns Cor.+ Depth 898 fath.

Shot or lead 35th and. Liggett cup.

Bottom gy. M. fine bl. V. Diat.

Bottom temperature 36.0

No. of thermometer 108019 Cor. -0.1

Corrected temperature 35.9

Air 41° Surface 40° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1 11. 00		0		
1 11. 10	56	100		
1 11. 20	11	200		
		300		
		400		
1 11. 30	17	500		
		600		
1 11. 40	23	700		
		800		
1 11. 50	29	900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H 4657* Date *June 5, 1906*
Lucas Machine. Reel. *Lucas*
 Turns Cor.+ Depth *324 fath*
 Shot or lead *35 lb. and Sigbee Cbk.*
 Bottom *Pr. bl. S.; Minton's*
 Bottom temperature *39.1°*
 No. of thermometer *108019* Cor. *-0.1°*
 Corrected temperature *39.°*
 Air *41°* Surface *40°* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.L.	3.6	2500		
Lat.	52° 29' 30" N.	2600		
Long	179° 35' E.	2700		
		2800		
Chart;	L.S. 9100	2900		
		3000		
		3100		
		3200		
U.K.		3300		
		3400		
L.M.S.		3500		
		3600		
		3700		
Var. 17° E.		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 44858

Date June 3

T. N.

Machine. / Reel. T.

Turns 122 Cor.+ Depth 48 fath.

Shot or lead T.B. T. 16c

Bottom Rocky? No specimen; ^{arming} indented }

Bottom temperature 76

No. of thermometer None. Cor.

Corrected temperature

Air 44° Surface 46° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-06-00	11-11-00	0		
		100		
11-06-40	11-6-50	102		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 11 : 86-9 Date June 5-1916

T.N. Machine. Reel. T.N.

Turns 140 Cor.+ Depth 73 fms

Shot or lead T.B. Tuboc

Bottom Rky (?) (No specimen; arriving undisturbed)

Bottom temperature

No. of thermometer None Cor.

Corrected temperature

Air 42° Surface 40° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.11.11</i> <i>52° 32' 20" N</i> <i>178° 50' E</i>		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H. 4860* Date *June 5/06*

T. N. Machine. Reel.

Turns *134* Cor. + Depth *85 (2) fms.*

Shot or lead *T.B. Tubes.*

Bottom *snl. G.*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *44°* Surface *40°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-45-00</i>	<i>11-52</i>	0		
<i>11-45-40</i>	<i>11-46-00</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800	Long. 179° 39' E	
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H. 4861.* Date *5 June, 06.*

T. N. Machine. Reel.

Turns *110* Cor.+ Depth *56* fms.

Shot or Lead *T. S.*

Bottom *bk S. P.*

Bottom temperature

No. of thermometer *none used* Cor.

Corrected temperature

Air *44°* Surface *40°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12. 08. 25</i>	<i>12. 11. 50</i>	0		
<i>17. 08. 25</i>	<i>12. 11. 50</i>	✓ 100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>W.S.</i>	<i>12</i>	2500		<i>15.6</i>
		2600	<i>Chart</i>	<i>C.S. 7100.</i>
		2700	<i>Lat. 52° 16' 30" N</i>	
		2800	<i>Long. 179° 40' 20" E</i>	
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H. 4862* Date *5 June, 06.*

7. IV Machine. Reel.

Turns *98* Cor. + Depth *51 fms.*

Shot or lead *T.B. Sinker & tube.*

Bottom *ry. bk. Sh.*

Bottom temperature

No. of thermometer *none used* Cor.

Corrected temperature

Air *44°* Surface *40°* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *1776* Date *June 10, 1881**T. V.* Machine. Reel.Turns *50* Cor.+ Depth *50 fms*Shot or lead *T. B. Sinkers of lead*Bottom *bk. S. bk. SL.*Bottom temperature *—*No. of thermometer *none* Cor.

Corrected temperature

Air *44°* Surface *41°* DriftTrawl or dredge *Tanner 12-ft.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12. 53.30</i>	<i>12. 58.00</i>	0	<i>1. 01.00</i>	<i>1. 27. 40</i>
		100		
		200		
		300		
		400		
		500	<i>5 100</i>	
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D. 4777*. Date *5 June, 06.**T.N.* Machine. Reel.Turns *52* Cor. +Depth *52 fms.*Shot or lead *T.B. Sinker & tubes*Bottom *fm. G.*Bottom temperature *-*No. of thermometer *none* Cor.Corrected temperature *-*Air *44°* Surface *41°* DriftTrawl or dredge *12-ft Tanner.*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*100 fms. wire.
Good haul.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D 4778* Date *5 June, 06.*

Machine. Reel.

Turns *43* Cor. + Depth *43 fms.*Shot or lead *T.B. tubes & sinker*Bottom *fine g.*

Bottom temperature —

No. of thermometer *None* Cor.

Corrected temperature

Air *75°* Surface *71°* DriftTrawl or dredge *Handline*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *D 4778 cont'd.* Date *5 June**T.N.* Machine. Reel.Turns Cor.+ Depth *33 fms.*Shot or lead *T.B. Sink*Bottom *fine bk. G. P. bkn SL*

Bottom temperature

No. of thermometer *none* Cor.

Corrected temperature

Air *45.0* Surface *41.0* DriftTrawl or dredge *Handlines*

SOUNDING WIRE.

DREDGE ROPE.

from
DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*Handlines**Ship was*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *7477*Date *June 10, 1881**T.N.* Machine. Reel.Turns *54* Cor. +Depth *54* fms.Shot or lead *T. B. Encke & Sinkers*Bottom *btm. S.L. P.S.*Bottom temperature *—*No. of thermometer *None* Cor.

Corrected temperature

Air *45* Surface *41* DriftTrawl or dredge *12 Tanner*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

Bearing: N. E. Semi-
explosion Id. by.
S. 59 1/2 W (true).
E. S. S. 34° W (true).

red.
1/2 m.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *4779* *Contd.* Date
T.N. Machine. Reel.

Turns Cor.+ Depth *5*

Shot or lead *1 lb* *steel sink*

Bottom *12 ft. 2. shelled f.*

Bottom temperature

No. of thermometer *20* *Ther* Cor.

Corrected temperature

Air *42* Surface *41* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H.L. 63* Date*T.N.* Machine: Reel.

Turns Cor.+ Depth

Shot or lead *74* *line*Bottom *H.S. silt*

Bottom temperature

No. of thermometer Cor. -

Corrected temperature

Air *43* Surface *41* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>24 10</i>	<i>76 10</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 4864

Date

T. N.

Machine.

Reel.

Turns

Cor. +

Depth 100

Shot or lead

Bottom br. s. pebbles

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. 4865 Date June 5

Lucas. Sigs. Machine. Reel.

Turns Cor. + Depth 1248

Shot or lead 35 lb. Sink cup

Bottom bl. gy. s.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 41° Surface 41° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500		4 2 2
		2600		28. 0. 32
		2700	17	21° 55' 31" 7.
		2800		178° 43'
		2900		South 051.
		3000		chmai Id. tip.
		3100		1/2 to (mags)
		3200		Tree)
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

De Long.
 No. *H. 4866* Date *June 5, 1906*
Lucas Machine. Reel. *Lucas*
 Turns Cor.+ Depth *329 fath*
 Shot or lead *60 lbs. + Sigbee cup*
 Bottom *gn. br. S, A*
 Bottom temperature *38°*
 No. of thermometer *108019* Cor.
 Corrected temperature *37.9°*
 Air *42°* Surface *41°* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11-26-40</i>	<i>11-34-10</i>	0		
<i>27-20</i>	<i>32-40</i>	100		
<i>28-05</i>	<i>31-35</i>	200		
<i>28-55</i>	<i>30-30</i>	300		
<i>11-29-20</i>	<i>30-05</i>	329 400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>P. Log.</i>	<i>74.5</i>
		2600	<i>Chart</i>	<i>N. O. 55</i>
		2700	<i>Lat.</i>	<i>51° 26' 40" N</i>
		2800	<i>Long.</i>	<i>179° 55' W</i>
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

Var. 15° E.

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

No. *H 4867* Date *June 6/06*
Lucas Machine. Reel. *Lucas*
 Turns Cor.+ Depth *1382*
 Shot or lead *35# + Sigsbee cup*
 Bottom *49 gn. M; br S; fm G.*
 Bottom temperature *25.2°*
 No. of thermometer *108019* Cor. *-0.1°*
 Corrected temperature *35.1°*
 Air *42°* Surface *40°* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8-11-20</i>	<i>8-41-15</i>	0		
<i>12-10</i>	<i>40-30</i>	100		
<i>13-10</i>	<i>39-30</i>	200		
<i>14-10</i>	<i>38-30</i>	300		
<i>15-10</i>	<i>36-30</i>	400		
<i>16-10</i>	<i>35-40</i>	500		
<i>17-20</i>	<i>34-40</i>	600		
<i>18-35</i>	<i>33-45</i>	700		
<i>19-35</i>	<i>32-45</i>	800		
<i>21-25</i>	<i>31-40</i>	900		
<i>22-45</i>	<i>30-40</i>	1000		
<i>24-00</i>	<i>29-45</i>	1100		
<i>25-20</i>	<i>28-35</i>	1200		
<i>8-26-25</i>	<i>8-27-20</i>	<i>1234</i>		
<i>x Register slipped</i>		1300		
<i>Stopped 1 min. to</i>		1400		
<i>fix same. Register</i>		1500		
<i>registered 15 fath</i>		1600		
<i>when reached top</i>		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		2500	<i>P.L.</i>	<i>33.1</i>
		2600	<i>Chart.</i>	<i>4-0.55.</i>
		2700	<i>Lat. 37° 05' 00" N.</i>	
		2800	<i>Long. 179° 02' E.</i>	
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS: